



DEFENSE LOGISTICS AGENCY

LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

February 12, 2013

Ms. Kelley Price
International Rectifier
205 Crawford St.
Leominster, MA 01453

Dear Ms. Price:

Re: Notification of Qualification Extension; Group D Test Data Approval, MIL-PRF-19500P,
FSC 5961, VQ (VQE-13-025825); CAGE 69210, Ctrl # 038270

Qualification by extension of your product is granted based on successful radiation testing of device type JANSF2N7524T1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /733 Rev B. This qualification was requested to increase the total dose radiation level to 300K. Therefore, your product will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The starting wafer lot number is A004972.1. The effective date of this qualification is February 11, 2013.

The qualified thermal impedance conditions for conformance inspection and screening limit are as follows: $V_H = 12V$, $I_m = 10mA$, $I_H = 11.56A$, $P_t = 100ms$, $t_{MD} = 30\mu sec$, ΔV_{sd} Limit = 100mV max; QCI Δ 15%

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
SF 2N7524T1	3A	CCBS	19500-2676-09	/733	Same as above
					Plant (1): HEXFET America 41915 Business Park Dr. Temecula, CA 92590 (Wafer Fabrication)

S Includes S quality level only

This qualification approval is based upon the test report number listed above and your Group D radiation test data of January 11, 2013. Test report number 19500-3770-13 has been assigned to this data, but will not be reflected in the QML. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product.

If you have any questions concerning this letter, please contact Mr. Carl DelloStritto (614) 692-0616.

Sincerely,

/signed/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

